

Amendments to the Specification:

At Page 12, in the paragraph beginning "The Simulator 316 is a preferred device", please amend the paragraph as indicated below. Applicant respectfully submits that the proposed amendments are merely to correct informalities in the Specification as originally filed, and that no new matter is being added:

The Simulator 316 is a preferred device for making measurements. The Test Bench(es) 314 provide(s) circuit configuration information needed to make a particular measurement. For example, if the gain of an amplifier is sought, it may be necessary to hook up the appropriate instruments by signal, measure a certain signal out, and run calculations to determine the gain. This approach is different than one that would be performed to measure the power of the amplifier. The Test Benches 314 preferably describe all these configurations, including information on and how to make the appropriate measurement(s), such as that needed for the simulator to run the test bench. The Simulation Scripts 310 preferably provide instructions to take a Synthesis Model 320, apply specific parameters, hook up in a specified way, provide facilities to make specified measurements, and provide the information to the Simulator 316 for execution. Figure 4 is a diagram of an optimization method in accordance with one embodiment of the present invention.